

SCHMINCKE, W., prof. dr. med. habil; LENGINAT, A., dr. med. habil.;
LORENZ, R., dipl. oec.

On a simple method for assessing morbidity in the People's
Republic of Germany. Cesk. zdrav. 13 no.1:10-16 Ja '65

1. Lekarska akademie "Carl Gustav Carus", Ustav socialni
hygiény, Drazdany.

40705

9.9810

S/169/62/000/008/076/090
E032/E114

AUTHORS: Koch, Hans, and Schminder, Rudolf

TITLE: Changes in the ionospheric "reduction coefficient"
according to experimental data on oblique radio waves
in the long-wave range

PERIODICAL: Referativnyy zhurnal, Geofizika, no.8, 1962, 23,
abstract 8 G 174. (Studia geophys. et geod., v.5, no.3,
1961, 277-283). (German, abstract in Russian)

TEXT: Measurements at 245 kc/sec (Kalundborg transmitter)
and 272 kc/sec (Czechoslovak transmitter) have been regularly
carried out in the Geofizicheskaya observatoriya (Geophysical
Observatory) of the Kollm (Karl Marx) University since 1957. At X
these frequencies the radio waves are propagated both as surface
and space waves and are reflected from the E-layer and occasional-
ly from the upper part of the D-layer. The aim of the experiment
was to study the propagation of the space wave and its absorption
in the D region. During daytime the absorption is so large that
the space-wave field may be neglected and the direction finding

Card 1/3

Changes in the ionospheric ...

S/169/62/000/008/076/090
E032/E114

measurements on the transmitter yield the direction of arrival of the surface wave. The angle of arrival of the space wave during the evening is estimated from the angle φ through which the direction finding frame must be rotated in order to obtain the same field amplitude as in daytime. This angle is then used to calculate the "reduction coefficient" which characterises the propagation of the space wave and is given by:

$$\rho = \eta \sin \varphi / \sin^2 \beta_2 \cos \beta_1$$

where η is the propagation coefficient of the surface wave calculated from soil conductivity σ ; β_1 is the angle between the direction of arrival of the reflected wave and the foot of the perpendicular drawn from the point of reception to the line joining the earth's centre and the point of reflection; and β_2 is the angle between the direction of arrival of the wave and the horizontal plane. Graphs giving the diurnal and seasonal variations in φ are given and discussed. The following conclusions are drawn. The curvature of the graphs representing

Card 2/3

Changes in the ionospheric ...

S/169/62/000/008/076/090
E032/E114

the setting and rise of the sun which is reflected in the annual variation of ρ in the form of an evening increase and a morning decrease in ρ is not very clearly defined. It is tempting to draw an analogy with the phenomena which occur during the summer (March-October) when the transition from day to night and vice versa occurs rapidly. The annual variation is characterised by an increase in ρ from winter to summer in accordance with the displacement of the sun relative to the E-layer. The continuous increase during the spring and autumn is interrupted by phenomena associated with ionization drifts in the region of reflection. The effect of enhanced solar activity at the equinoxes gives rise to the corresponding minima in ρ on the northern route (245 kc/sec). Moreover, during sunspot maxima a 27-day repetition period was detected in ρ . This period is clearly exhibited in sliding ten-day average values of ρ .

[Abstractor's note: Complete translation.]

Card 3/3

SCHMINDE, Rudolf

Annual and daily courses of ionospheric conversion coefficients
according to the slant fall measurements in longwave range
(1960-1962). Studia geophys 8 no.1:97-103 '64.

1. Geophysikalisches Observatorium, Collm über Oschatz, DDR.

SCHMITT, P.

JASZBERENYI, J.; SCHMITT, P.; LESZEK, E.

Biochemical modifications of the blood of rheumatics following
a single bath. Orv.hetil. 91 no.19:586-588 7 My '50. (CLML 19:2)

1. Postal Sickness Insurance Co. (National Medical Officer --
Dr. Gabor Ferencz) and Rheumatism Division of St. Luke Resort (Head
Physician -- Dr. Mihaly Danyi). 2. Mecsnikov No.3 Science Brigade.

SCHMITT, Pal

"Amplifier for measurement in precision mechanics" by H.
Kalusche. Reviewed by Pal Schmitt. Elektrotechnika 51
no. 7/9:423-424 '58.

SCHMITT, Walter, Prof., Dr.; HORST, Blume, Dr.

Plastic surgery with perlon mesh. Magy. sebeszet 8 no.2:81-85
Apr 55.

1. A Greifswald-i Sebeszeti Klinika Kozlemenye. Igazgato: Prof.
Dr. Johs. Volkmann.
(PLASTICS,
perlon in plastic surg.)
(SURGERY, PLASTIC,
perlon mesh in.)

SCHMITT, Walter

Surgery of infants and small children. Magy. sebeszet 10 no.1:
1-4 Mar 57.

1. Greifswald-i Egyetemi Sebeszeti Klinika kozlemenyi Megbizoott
igazgato: Prof. Dr. med. Walter Schmitt.
(PEDIATRIC DISEASES, surg.
(Hun))

SCHMITT, W.

Considerations on the surgical technic for funnel chest. Rozhl.
chir. 41 no.3:193-195 Mr '62.

1. Chirurgicka klinika university v Rostceku, NDR, reeditel prof.
dr. W. Schmitt. (THORAX abnorm)

SCHMITT, W.

Apropos of anatomically correct resection of the left lobe of the liver. Cas. lek. cesk. 101 no.23:729-731 8 Je '62.

1. Chirurgicka universitni klinika v Rostocku, reditel prof. dr
W. Schmitt.

(LIVER surg)

SCHMITTOVA, M.

1232

Statni fak. nemocnice v Praze, odbocka v Praze III, neurol. klin. univ. Karlovy, II path.-anat. ustanov Univ. Karlovy, Intrakraniální epidermoid napodobující roztroušenou mozkovou sklerosu Intracranial dermoid imitating multiple sclerosis Neur. Psychiat. cas. 1950, 13/6 (316-322) Illus. 8 Description of a case with several typical remissions in the 6-year course and other signs leading to the diagnosis of multiple sclerosis. At autopsy a dermoid was found, growing into pons, medulla oblongata, cerebellum and cervical cord. The brother of the patient is still alive and is suffering from symptoms very suggestive of multiple sclerosis.

Jirout - Prague

Se: Excerpta Medica, Section VIII, Vol. 5, No. 5, April 1952

ENGELBERTH, O.; SCHMITTOVA, M.

Essay of development of anaphylactic carditis in mice. Cas.lek.cesk.
(CIML 20:8)
90 no.17:508-515 27 Apr 51.

1. Of the Third Internal Clinic of Charles University (Head--Prof.
J. Charvat, M.D.) and of the Second Patholgico-Anatomical Institute
of Charles University (Head--Prof. V. Jedlicka, M.D.).

SCHMITTOVA, M.

ENGELBERTH, O.; SCHMITTOVA, M.

Effect of sodium salicylate on experimental carditis in mice. Cas.
lek. cesk. 96 no.33-34:1037-1041 23 Aug 57.

I. III. interni klinika KU v Praze, prednosta akademik J. Charvat.
II. pathol. anatomicky ustav KU v Praze, prednosta prof. Dr. V. Jedlicka.
O. M., Praha 2, U nemocnice 1.

(CARDITIS, exper.

eff. of sodium salicylate in mice (Cz))

(SODIUM SALICYLATE, eff.

on exper. carditis in mice (Cz))

SCHMITTOVA, M.; ENGELBERTH, O.; SRAMKOVA, J.

Effect of aminopyrine, paraaminobenzoic acid and paraaminosalicylic acid on experimental carditis in mice. Cas.lek.cesk. 98 no. 44:1365-1369 30 0 '59.

1. II. patol. anatomicky ustav KU v Praze, prednosta prof. dr. V. Jedlicka, III. interni klinika KU v Praze, prednosta akademik J. Charvat.

(PARAAMINOSALICYLIC ACID pharmacol.)

(PARAAMINOBENZOIC ACID pharmacol.)

(AMINOPYRINE pharmacol.)

(MYOCARDITIS exper.)

ENGELBERTH, Oto; SCHMITTOVA, Marie

Effect of benzoic acid derivatives on experimental carditis in mice.
Cas. lek. cesk. 101 no.28:860-864 13 J1 '62.

1. III. interni klinika fakulty vsebečného lekarství KU v Praze,
prednosta akademik J. Charvat. Patologickoanatomicke oddeleni
OUNZ Most, vedouci MUDr. M. Schmittova.
(ALLERGY exper) (HEART DISEASES exper)
(BENZOATES toxicol)

SCHMITZ, C.

Data on the ethnography of the Jupna Valley of Northeastern New Guinea.
In German. p. 337.

ACTA ETHNOGRAPHICA. Budapest, Hungary. Vol. 7, no. 3/4, 1958.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 7, July 1959
Uncl.

SCHMITZ, C.Z.; (Nemet Demokratikus Koztarsasag)

In New Guinea. Term tud kozl 6 no.2:69-70 F '62.

SCHMITZ, E.

A BANYATERV KOZLEMENYEL. (Banyaszati Tervezo Intezet) Budapest.

Protection against outside water. p. 50

No. 9, Dec. 1958.

Monthly List of East European Acquisitions (EEAI), LC, Vol. 8, No. 3,
March 1959 Unclass.

SZANTAY, Csaba; SCHMITZ, Ernst

Hydrelysis of diaziridines. Magy kem folyoir 69 no.7:292-296 Jl
'63.

1. Budapesti Muszaki Egyetem Szerves-Kemiai Tanszeke (for Szantay).
2. Institut für Organische Chemie der Deutschen Akademie der Wissenschaften, Berlin-Adlershof (for Schmitz).

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447530003-4

SCHMITZ, Ervin, okleveles mernok

Leakage on earthworks. Banyaterv no. 12:14-26 D 61.

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447530003-4"

SCHMITZ, Ervin, okleveles mernok

Tailing reservoirs prepared from the tailings remained on the
classifier. Bany lap '95 no.8/9:603-611 Ag-S '62.

1. Banyaszati Tervezo Intezet, Budapest.

OKLITZ, H.W.; SCHMITZ, H.H.

Congenital toxoplasmosis and physician's role. Pediat. Pol. 39
no.8e903-9/6 Ag '64

L. Z Ośrodka Badan Chorób Zakazanych Wieku Dziecięcego Niemieckiej Akademii Nauk w Berlinie (Kierowniki: prof. dr. H.W. Oklitz); z Kliniki Pediatrycznej (Kierownika: prof. dr. H.W. Oklitz) oraz z II Kliniki Pediatrycznej (Kierownika: prof. dr. H.H. Schmitz) Miejskiego Zespołu Klinik w Berlinie-Buch.

SCHMITZER, G.; LICHTENBERG, R.; Norz, L.

A new technic in radiotherapy of the eye. Probl.ter., Bucur.
2:109-114 1955.

1. Clinica radiologica si Clinica I oftalmologica din Bucuresti.
(EYE, dis.
radiother., technic)
(RADIOTherAPY, in various dis.
eye dis., technic)

CONSTANTINESCU, S.; TEODORESCU, B.; SANIELEVICI-MARINOV, S.; CUNESCU, V.; IACOB,
A.; SCHMITZER, G.; VULCANESCU, M.; MARINOV, M.; VASILESCU, C.; LICHTENBERG,
R.; BARGAN, F.; BANESCU, E.; BERNSTEIN, D.

Mass clinical and radiological detection (by radiophotography) of carditis
in school-age children. Probl. reumat., Bucur. no.5:79-82 1958.
(RHEUMATIC HEART DISEASE, prevention & control
in school-aged child. in Rumania, clin. & radiol. diag.)

COMSA, Gh., dr.; VADASZ, I., dr.; SCHMITZER, Gabriela, dr.; LITMAN, C., dr.

Bronchial asthma with migratory atelectasis. Med. intern. (Bucur.)
16 no.12:1481-1488 D '64

1. Lucrare efectuata in Sectia de boli interne a Spitalului
"Alexandru Sahia", Bucuresti.

SCHMITZER, Gh.; GRANCEA, V.

Contribution to the clinicoradiologic study of the cervical column. Congenital anomalies and malformations. Rumanian med. rev. 19 no.3:51-61 Jl-S '65.

RUMANIA

SCHMITZER, Gh., Prof. Dr.; HERSCOVICI, H., Lieutenant-Colonel, Medical Corps;
and CIOCIRLIE, I., Major, Medical Corps

"Immunologic Reactivity After Diencephalic Irradiation"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 425-426

Abstract: Immunologic reactivity after diencephalic irradiation revealed
that the diencephalon plays a very important role in immunogenesis inasmuch
as irradiation intensified the immunogenesis in this experiment. Graph,
table.

KIRCHKNOPF, Marton, dr.; SCHMOLL, Janos, dr.

Cyclic agranulocytosis. Orv. hetil. 97 no.33:923-924 12 Aug 56.

1. Az ozdi Varosi Korhaz (Igazgató: Antalffy, István, dr.)
Belgyogyaszati Osztályának (főorvos: Kirchknöpf, Márton, dr.)
közleménye.

(AGRANULOCYTOSIS, ther.

ACTH, in cyclic agranulocytosis with pneumonia (Eun))

(ACTH, ther. use

agranulocytosis, cyclic, with pneumonia (Hun))

(PNEUMONIA)

after ACTH ther. in cyclic agranulocytosis (Hun))

SCHMOR, Geza, dr.

Central direction of technical development in socialist countries.
Musz elet 16 no.21:3 '61.

SCHMOR, Geza, dr.; RUISZ, Rezso, dr.

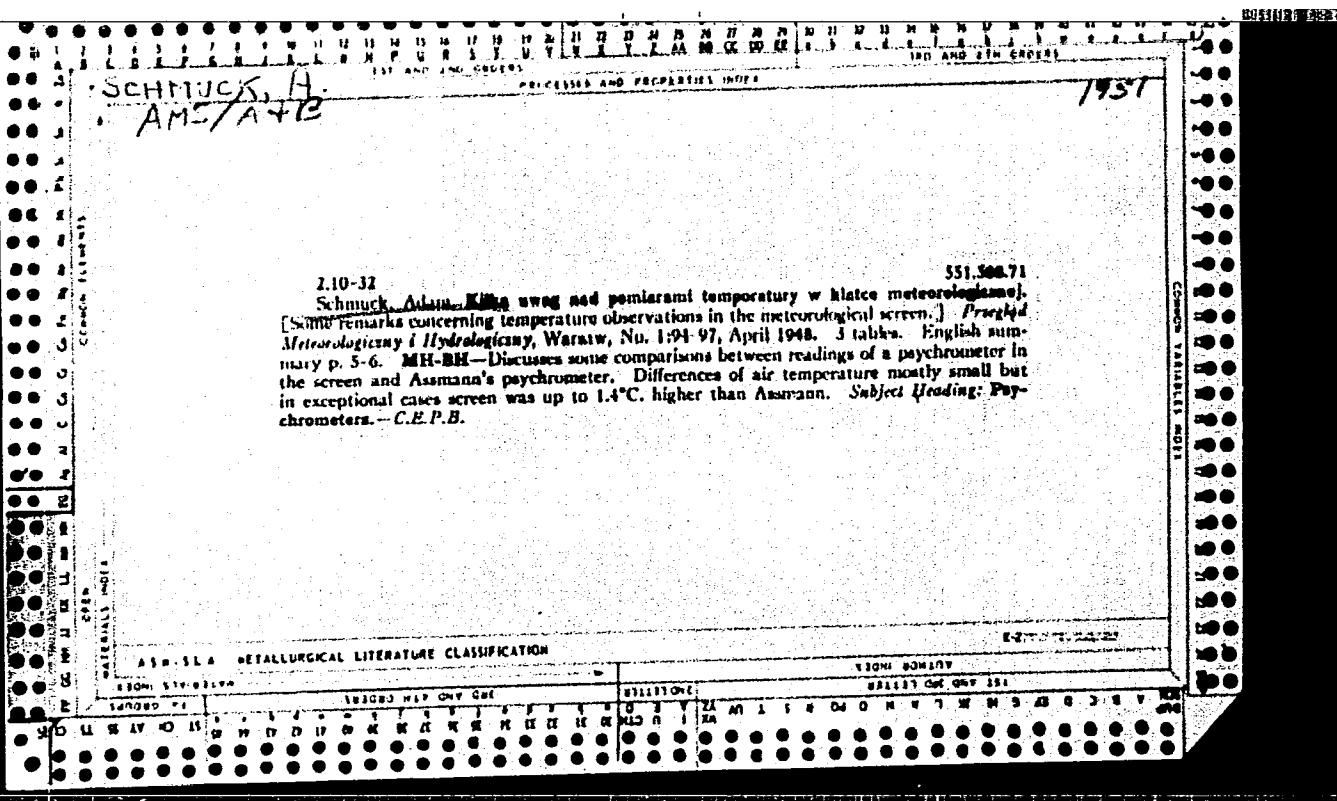
Commerce and technology. Technika 8 no.1:1 Ja '64.

SCHNUCK, ADAM.

Klimat regionu Walbrzyskiego. Wrocław, Nakl. Wrocławskiego Tow. Naukowego, 1948. 46,(2) p. (Wrocławskie Towarzystwo Naukowe. Prace. Seria B, nr. 11) (Climate of the Walbrzych region. illus., bibl.)

NN

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 7, July 1957. Uncl.

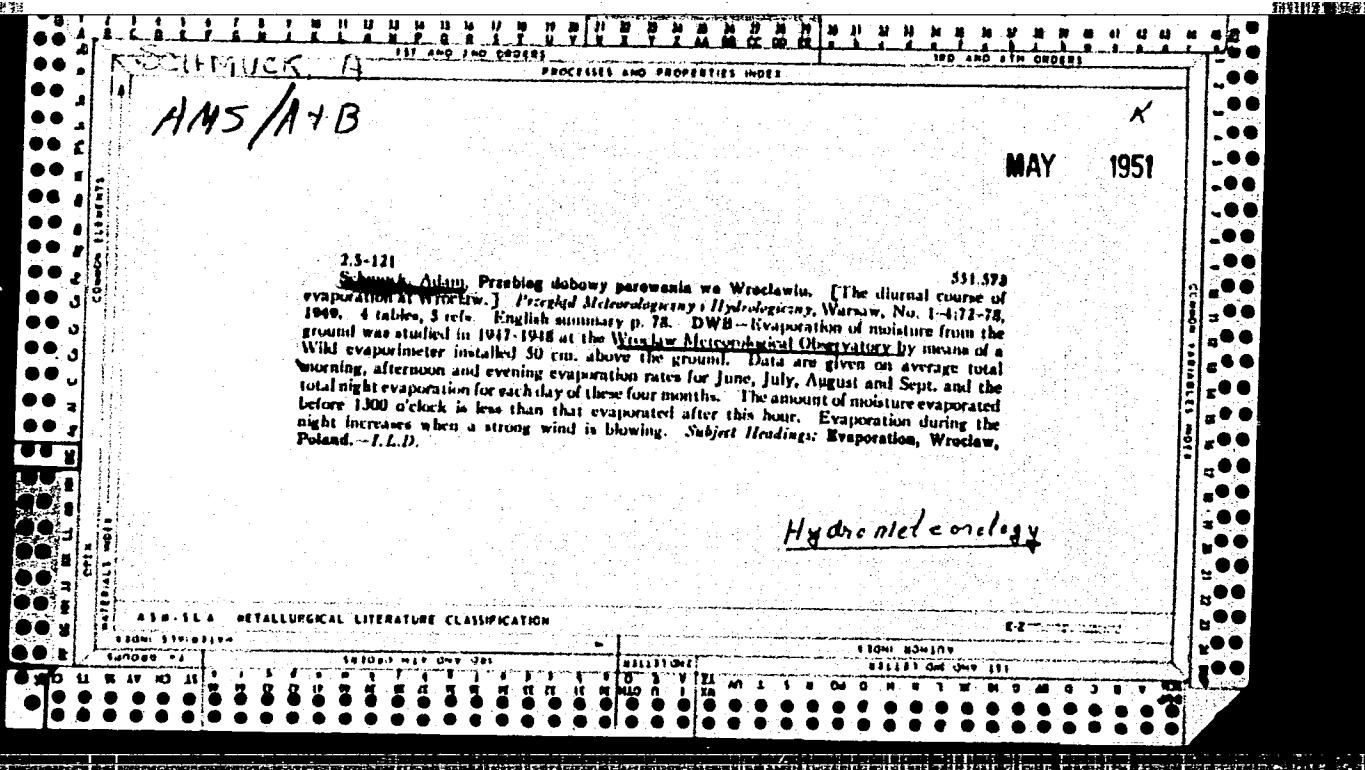


SCHNUCK, ADAM.

O parowaniu potencjalnym. Wrocław, Nakl. Wrocławskiego Tow. Naukowego, 1949.
50 p. (Wrocławskie Towarzystwo Naukowe. Prace. Seria B, nr. 25) (On
potential evaporation. illus., bibl.)

NH

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 7, July 1957. Uncl.



SCHMUCK, A.

✓ 6.9-208

1 "Schmuck, Adam. Wiatr a temperatura i parowanie we Wrocławiu. [Wind, temperature and evaporation in Wrocław.] *Wrocławskie Towarzystwo Naukowe, Prace, Ser. II, No. 1*, 1949. 42 p. 9 tables, 3 figs., 31 refs. On *Acta Meteorologica et Climatologica, Universitatis Wratislaviensis*. DLC—The paper, divided into two separate communications, deals with the influence of wind upon temperature variation and evaporation at Wrocław during selected months of 1946 and 1947. Relation between wind direction and temperature during July and Aug. determined by plotting thrice-daily observations of wind direction on a temperature diagram of the day, shows which winds accompany higher or lower than normal temperatures. Tables and diagrams are attached. The second communication presents evaporation data obtained by Wild's system for one half-year (summer) and analyzes the connection between wind direction and evaporation at Wrocław considering temperature, relative humidity and wind speed. Maximum evaporation occurs with SE winds. *Subject Headings:* 1. Wind-temperature relationships. 2. Evaporation data. 3. Wind-evaporation relationships. 4. Wrocław, Poland.—A.M.P." *NE*

SCHMUCK, Adam

Re
20

POL.

65-212 651-573
Schmuck, Adam. O parowaniu potencjalnym. [Potential evaporation.] *Wrocławskie Towarzystwo Naukowe, Prace, Ser. B, No. 25, 1949.* 50 p., 15 figs., tables, 63 refs. On title-page: *Acta Meteorologica et Climatologica Universitatis Wratislaviensis. DLC*.—In the first part of the paper, entitled Measurements of evaporation at Wrocław, after having discussed the different ways of determining and methods of evaluating evaporation, the author presents the most important results of experiments, based on evaporation measurements for 3 years at Wrocław at different heights (0, 50, 200, 530, 815 cm) and in different environments (instrument shelter, under uninclosed roof and in open air). Results show that SE winds bringing dry air from the continent during the vegetative period simultaneously raise the temperature and increase evaporation. The second part, entitled A test to determine potential evaporation in Poland, deals with the question of the value of potential evapotranspiration in the vegetative and winter periods; its annual value and the changes of evaporation with changes of altitude.

A number of tables and graphs illustrate the text. *Subject Headings:* 1. Evaporation measurements. 2. Potential evapotranspiration. 3. Wrocław, Poland.—A.M.P.

Schmuck, Adam

3
1

✓ 5.7-167

Schmuck, Adam, Material do terminologii wiatrów. [Contribution to nomenclature of winds.] *Przegląd Meteorologiczny i Hydrologiczny*, No. 1/2, 137-157, 1952. 34 refs. Mf-BH—The author reviews briefly the wind classification of J. Q. Stewart ("Coasts, waves and weather," New York-London, 1945) and also an unpublished classification of local winds by W. Gromil which divided the local winds into two groups, strictly local winds and winds of general circulation modified by local orography. However, this study is principally a description of local winds, their physical conditions and geographical distribution throughout the world. The author lists names of winds alphabetically and describes the meaning and the origin of the names of numerous winds. *Subject Headings:* 1. Wind classification. 2. Local winds. 3. Glossary of local winds.—N.T.Z.

Re

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447530003-4

Schmuck, Hans

551 573

3.10.170
Schmuck, Adam. Stopień udzielenia w Polsce w latach 1948-1951. [Monografie odbudowanej Państwowej Wyższej Szkoły Hydrologicznej, Warszawa, 5(14):14-
16, 1951.]

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447530003-4"

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447530003-4

600

1000

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447530003-4"

Schmuck, Adam

54-207

551.589.5:551.556

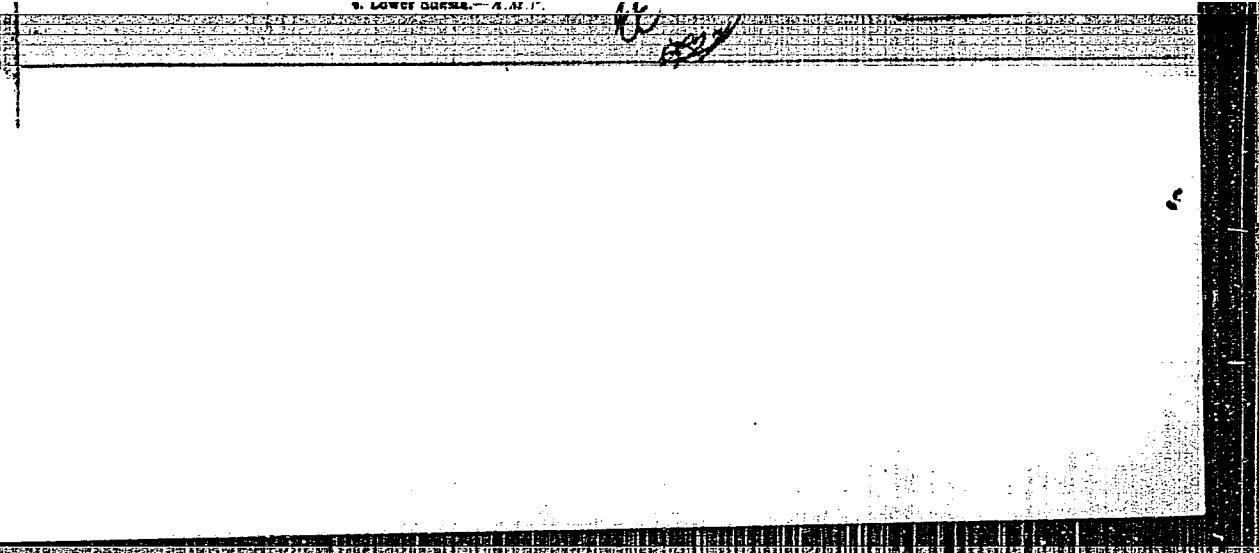
Schmuck, Adam. *Rola wiatru w klimacie Dolnego Śląska.* [The role of wind in the climate of Lower Silesia]—*Czasopismo Geograficzne*, Wrocław, 21/22(68):449-458, 1952. 2 figs., 2 tables, 22 refs. DLC—The importance of winds as a main factor influencing the formation and development of the climate of Lower Silesia is analyzed and discussed in great detail. A characteristic of air masses usually intruding in the region is presented. It is shown that the air temperature, the degree of humidity, the type or absence of clouds, the character of precipitation or of visibility depend on the kind of transported air masses. Graphs showing the distribution of wind directions (wind roses) in diverse localities of the region and tables

3
3000

1

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447530003-4



APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447530003-4"

SCHNUCK, A.
SCHNUCK, A.

"The Climate of Sokolowsk as an example of the Climate of a Health Resort in Sudetenland." P. 148,
(CZASOPISMO GEOGRAFICZNE, Vol. 23/24, 1952/53. Wroclaw, Poland

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3,
No. 12, Dec. 1954, Uncl.

SCHMUCK, Adam

6.10-231

551.377.38(438) 551.373

GP

*Schmuck, Adam. O suszach atmosferycznych na Dolnym Śląsku. [Drought in Lower Silesia.] *Czasopismo Geograficzne*, Warszawa, 25(1/2):95-105, 1954. 3 figs., 3 tables, 18 refs. French summary p. 104-105. DLC—In connection with the general increase of droughts during recent years in different parts of Europe (and Poland), the author presents the results of a quantitative study of aridity in Lower Silesia during the five year period 1948-1952 based on the difference between the amount of precipitation P and the amount of evaporated water E during a five day or monthly period. The daily amounts of evaporation were obtained with a Wild evaporimeter at the Meteorological and Climatological Observatory of Wrocław (Breslau) University. A pentad was considered to be dry when $E_p > SEd + P_p$, where E_p is the amount of evaporated water; E_d —its mean daily amount; and P_p —the precipitation. Same formula was used for monthly periods. The results of the study, presented in figures and tables, give a picture of the frequency, the exact time and duration of pentads and of months of intensive or moderate atmospheric dryness during the 5 year period investigated.

Subject Headings: 1. Drought 2. Aridity 3. Precipitation-evaporation ($P-E$) 4. Lower Silesia, Poland. —A.M.P.

SCHMUCK, A.

Czasopismo Geograficzne. - Vol. 25, no. 3, 1954.

Marginal remarks on discussions during the climatologic conference in Breslau. p. 306.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447530003-4

Schmuck, A.

✓ ~~✓~~ 173 551 48-48
Parowanie z wolnej powierzchni wodnej w Polsce.

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447530003-4"

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447530003-4

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447530003-4"

SCHMUCK, A.

Czasopismo Geograficzne - Vol. 26, no. 1/2, 1955.

From the research work of E. Romer in the field of meteorology and practical climatology.
p. 126.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

SCHMUCK, A.

Achievements of climatology in Poland in the field of Polish climate and that of neighboring countries. p. 39.

PRZEGLAD GEOGRAFICZNY. POLISH GEOGRAPHICAL REVIEW, Warszawa, Vol. 27, no. 1, 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

✓ 8.3-282

Konferencja klimatologiczna we Wrocławiu, w dniach 26 i 27 marca 1934 r.
Chorological conference in Wrocław, March 26-27, 1934. "Przegląd Geograficzny Warszawa,
17, 1, 216-213, 1935." A list of DLC Library holdings is available in the U.S. Library
March 27, 1951, at Wien 19, attended by Dr. Stefan Kowalewski, Director of the Institute of
Geography. The state of Polish climatology in 1934 was the subject of the meeting. The titles of
the papers presented at the conference are as follows:

Wrocław - Chorologia of Poland. A Report.

531.58.06

63

RE yg

SCHMUCK, A.

Circulation of water in nature. p. 13.

Vol. 27, no. 1, 1956 Wroclaw

CZASOPISM GEOGRAFICZNE

SOURCE: East European Accession List (EEAL) Library of Congress

Vol. 5, no. 8, August 1956

✓ 10.3-278 551.573:551.482
Schmuck, Adam. Pomiar parowania na odrze pod wroclawiem. (Komunikat wstępny).
[Measurement of evaporation of the Oder near Wroclaw, Pt. 1.] *Przegląd Geofizyczny*,
Warsaw, 2(1/2):33-39, 1957. 4 figs., 2 tables, 4 refs. French summary p. 39. DWB, DLC—
Preliminary results of evaporation measurements of Oder River waters near Wroclaw carried
out with the aid of a Soviet GGI evapotrometer in the period July 1954-Oct. 1956 are presented
and discussed. It has been found that the amount of evaporated water in summer is three
times greater than it is in the winter period, and that evaporation declines with the increase of
altitude. *Subject Headings:* 1. Evaporation from rivers 2. Evaportimeters 3. Oder River,
Poland.—A.M.P.

3

August 3, 1959

Glo

1/1

SCHMUCK, Adam (Wroclaw)

Thermal regions in Poland. Czasopismo geograficzne 32 no.1:17-30
'61.

SCHMUCK, Adam; BAC, Stanislaw, prof. dr.; ZIPSER, Alina, mgr; LYKOWSKI,
Bonifacy, mgr; GORCZAKOWNA, Maria

Droughts and high precipitation in the Wroclaw Voivodeship,
1950-1959. Czasop geograf 33 no.4:411-440 '62.

1. Katedra Meteorologii i Klimatologii, Wyzsza Szkoła Rolnicza,
Wroclaw.

SCHMUCH, Adam (Wroclaw)

Is the climate of Poland showing a trend toward cooling?
Czasop geograf 35 no.1:87-92 '64.

SCHMUCKER, Antonin

Simple device for accurate location of trouble in the control circuit. Elektrotechnik 19 no.1:23-24 Je'64.

Simple protection of two-phase electromotors. Ibid.:24

1. Inspekcn elektrikar, Nova hut Klementa Gottwalda, zavod 19, Karvina I.

SCHMULEVICH, A. I., POVAROVA, L. N.,¹ Li, P. N., TURSUNOV, P. T., ORLOV, V. P.,²
(1 State Sci. Control Inst. of Vet. Preparations, Min. of Agri., USSR), (2 Sci. Res.
Inst. of Veterinary Medicine of the Acad. Agric. Sci. Uz SSR).

"Chemotherapeutic Properties of the New Azidin Preparation."
Veterinariya vol. 37., no. 11., November 1961., p. 23

CC/H-30

ACC NR: AP7001165 (AN). SOURCE CODE: UR/0439/65/044/008/1214/1218

AUTHOR: Bibikova, V. A.; Gorbunova, A. I.; Maslennikova, Z. P.; Morozova, I. V.; Shmutter, M. F. --Schmutter, M. F.

ORG: Central Asian Antiplague Research Institute, Alma-Ata (Sredneaziatskiy nauchno-issledovatel'skiy protivochumnyy institut)

TITLE: Method of studying population density of fleas in *Rhombomys opimus* Licht.

SOURCE: Zooloticheskiy zhurnal, v. 44, no. 8, 1965, 1214-1218

TOPIC TAGS: flea, flea reproduction, flea migration, plague transmission, disease vector, mole

ABSTRACT: A technique for total count of fleas found in the burrows of *Rhombomys opimus* Licht. is described. The technique consists of trapping and counting the migrating parasites after the animals are removed from the burrows. Due to a relatively stable migration and the reproduction rate of fleas, three samples suffice for the total count. In practical terms, it means that all fleas present in the burrows can be trapped during the 7-45 day period after the removal of the animals. The total flea population in the burrows can be estimated on the basis of the relatively

Card 1/2

UDC: 595.775:599.323.4 *Rhombomys*:591.526-59.08

ACC NR: AP7001165

stable percentages obtained in sampling procedures. In view of the significant role of fleas in transmission of plague, the importance of monitoring the flea populations is stressed by the authors. Orig. art. has: 1 table. [Based on authors' abstract] [WA-50]

SUB CODE: .06/SUBM DATE: none/ORIG REF: 006/C

Card 2/2

REF ID: A
S/058/62/000/007/007/068
A061/A101

AUTHOR: Schmutzer, E.

TITLE: On some problems and development trends of the relativity theory

PERIODICAL: Referativnyy zhurnal, Fizika, no. 7, 1962, 21, abstract 7A200
("Exptl. Techn. Phys.", 1961, v. 9, no. 5, 209 - 227, German)

TEXT: This is a review read at a session of the Physical Society of the GDR in April 1961. An account is given on the postulates of both the special and the general relativity theory, as well as on experimental data supporting the general relativity theory. The opinions of V. A. Fock on the general relativity theory are discussed. The author thinks that there are no reasons for singling out the harmonic system of coordinates. Also mentioned are the laws of conservation in the general relativity theory, gravitational waves, and attempts made to set up a unified field theory.

B. Struminskiy

[Abstracter's note: Complete translation]

Card 1/1

SCHMUTZER, E.; WEBER, G.

On the nonrelativistic second approximation of the Dirac theory
of electron. Godishnik fiz mat 55 no.2:105-115 '60/'61 [publ.
'62].

Distr: 4E3d/4E2c(j)

Catalytic low-temperature hydrogenation of brown-coal tars containing mono- and multivalent phenols and solid paraffins. Bedřich Schnabel and Rudolf Kubíčka. Czech. 85,992, Oct. 15, 1956. The above procedure is carried out at 250-450° and 260-320 atm. with pure WS₄ or 25% WS₄ plus 3% NiS on a carrier contg. 72% Al₂O₃ in the presence of Al grains. Motor fuels and lower phenols are obtained.

L. J. Urbánek

Distr: 4E3d

Purification of tars containing dissolved phenolates.
Bedřich Schubel. Czech. 87,171, Sept. 15, 1957. Blowing
for 30 min. of CO₂, H₂S, or combustion gases into filtered
tar heated to 45° causes decompr. of phenolates and pptn.
of impurities which are then sepd. by filtration. This treat-
ment also improves the distn. properties of tars mainly by
decreasing their tendency to foam. L. J. Urbánek

2
2 May
1

Jff

CCNTRY : CZECHOSLOVAKIA
CATEGORY : Chemical Technology. Chemical Products and Their Applications. Chemical Processing of Solid Fossil*
ABS. JOUR. : RZhKhim., No 19, 1959, No. 69079

AUTHOR : Schuhel, B.
TITLE : Low Temperature Hydrogenation of the North Czechoslovakian Brown Coals
ORIG. PUB. : Chem. prumysl, 1959, 9, No 1, 10-14

ABSTRACT : The author has investigated, from purely technological standpoint, the low temperature hydrogenation of brown coals derived from the Northern regions of Czechoslovakia, employing a continuous pilot plant. The purpose of this work consisted in an attempt to derive light fuels, n-paraffines, lubricating oils and also to increase the yield of phenols.

*Fuels.
Card: 1/1

Z/004/60/000/006/003/003
A121/A126

Turbine oils

Oil Refinery at Ostrava performed examinations of the chromatographic composition of the constant oil "S" and of the ageing of various fractions under conditions of the BBC test. Engineer Stehlík of the První brněnské strojírny n.p. (First Mechanical Engineering Plant at Brno, People's Enterprise) reported on turbine oils with regard to the production of turbines; on requirements, i.e. purity, viscosity index, adhesion, antioxidant properties of oils; etc. The constant of copper is disadvantageous, therefore copper tubes should be replaced by iron or bronze ones. Engineer Kulhánek of the Stalin Plant Electric Power Station informed on the cooperation with the n.p. Chema (Chema, People's Enterprise) and the Benzina, People's Enterprise, in testing new turbine oils of Czechoslovak origin, on the regeneration of oils by means of additives, and on oil tubes cleaning by means of air blast according to the method developed by Prokop of the First Mechanical Engineering Plant at Brno. The lecture read by Dragoun of the Ostramo n.p. (Ostramo, People's Enterprise) treated the problem of "Oil additives against rust formation". The additives Santolube AR and Santolube 75 decrease the resistance of oil against ageing. Tests were made with a combination of the above mentioned additives and the anti-ageing additive Driverol. The authors Dragoun and Engineer Večerka stated that the primary choice of corresponding turbine oils should be observed. Doctor of Engineering B. Schnabel of the Stalin

Card 2/3

Z/004/60/000/006/003/003

A121/A126

Turbine oils

Plants read a lecture on systematic research in the field of high-pressure and low-pressure refining hydrogenation of distillate oils gained in Muchanov. The hydrogenation plant at the Stalin Plant should perform the refining of selected products and desulphurize the processed petroleum by 100%. Engineer Mojmir Večerka of the Ostramo, People's Enterprise reported on refining hydrogenation of sulphurous petroleum. Professor Engineer V. Veselý of the Vysoká škola chem. technologická (Chemical Technology Technical College) in Bratislava informed on the oxidation of turbine oils in view of the theory of radicals, on the creation of radicals of hydrocarbons, on the mechanism of oxidation, on production of antioxidants, on the required share of alkyl aromatic hydrocarbons, etc. Various products of low-pressure and high-pressure hydrogenation have been demonstrated by Doctor of Engineering Bedřich Schnabel from the Výzkumný ústav Stalinových závodů (Research Institute of Stalin Plants). Professor Doctor of Engineering St. Landa, winner of the Klement Gottwald State Prize, informed on examinations of sulphuric compounds in Soviet petroleum, performed by the CSAV.

Card 3/3

Z/020/60/000/008/025/041
A205/A026

AUTHORS: Landa, M.; Schnabel, B.; - Doctors of Engineering

TITLE: Improvement of Turbine Oil Quality - A Way to Greater Economy

PERIODICAL: Energetika, 1960, No. 8, pp. 435 - 436

TEXT: The authors stress the significance of turbine oil quality for proper operation of steam turbines. Turbine oils are not only used for lubrication but also for heat deduction from bearings, tightening of hydrogen cooling systems, etc. Such high-quality oils were primarily imported to the CSR but are now produced by domestic refineries. Refineries "OSTRAMO", National Enterprise in Ostrava and "PARAMO", National Enterprise in Pardubice and the "Výzkumný ústav pro chemické využití uhlí" (Research Institute for Chemical Exploitation of Coal) at the "Stalinovy závody", National Enterprise in Záluží are engaging in research on quality improvement of turbine oils. The research in this field is based on the experience that catalytic hydrogenating refining is more suitable for sulfurous compound separation from sulfurous crude oil than classical refining processes. For a wider discussion of this problem, a "Day of New Engineering" Information Course was held at the "Stalinovy závody" on March 15, 1960, organized

Card 1/3

Z/020/60/000/008/025/041
A205/A026

Improvement of Turbine Oil Quality - A Way to Greater Economy

by the "Stalinovy závody" Plant Branch of the VTS (Scientific Technical Society) and the Prague Municipal Commission of the VTS, Section for Lubrication Engineering. The course was attended by nearly 1,000 delegates of power plants, oil refineries, mechanical engineering plants, research institutes, chemical plants and various authorities. The following is a detailed list of delivered reports: Engineer Ctirad Náhlovský of the "Benzina" National Enterprise spoke about turbine oils used in Czechoslovak steam turbines. Engineer Václav Mašek of the "OSTRAMO" National Enterprise reported on problems of turbine oil testing and production. Engineer Stehlík of the "První brněnská strojírna", National Enterprise, reported on demands imposed on turbine oil quality by producers and maintenance service men of steam turbines. Kulhánek, technologist of the machine maintenance shop at the power plant of the "Stalinovy závody" reported on the successful cooperation of the "Chema" and "Benzina" enterprises in testing new turbine oil types with and without additives. He mentioned an oil pipe cleaning method with a pressure gun, developed by Prokop of the "První brněnská strojírna". Dra-
goun of the "OSTRAMO" National Enterprise reported on rust preventing additives like "Santolub AR" and "Santolub 75" with addition of the anti-oxidant "Driverol". ✓

Card 2/3

Z/020/60/000/008/025/041
A205/A026

Improvement of Turbine Oil Quality - A Way to Greater Economy

He mentioned Professor Engineer V. Veselý of the Institute for Chemical Technology in Bratislava. Doctor, Engineer B. Schnabel of the Research Institute of the "Stalinovy závody" reported on low and high pressure hydrogenation of oil distillates and selective refined products. Engineer Večerka of the "OSTRAMO" National Enterprise indicated the superiority of the catalytic hydrogenation for refining sulfurous crude oil. Professor, Engineer V. Veselý gave a final report on oxidation of turbine oils in view of the radical theory. The reports were followed by a lively discussion and exchange of experiences. The results of the course were summarized in a 9-point resolution.

Card 3/3

MATEJOVSKY, V.; NOVAK, V.; SCHNABEL, B.; SPICKA, V.; VECERKA, M.
ZIDEK, J.

Turbine oils from high-pressure hydrogenates of paraffin oils
from sulfurous petroleum. Ropa a uhlie 5 no. 9:260-265 S '63.

1. Department of Lubrication and Fuel Technology Benzina
National Enterprise, Prague (for Matejovsky). 2. Chemicke zavody
Ceskoslovenskosovetskeho pratalstvi National Enterprise,
Zaluzi v Krusnych horach (for Novak and Schnabel). 3. Slovnaft
National Enterprise, Ostrava Branch Enterprise (for Vecerka
and Zidek).

SCHNABEL, Bedrich; VECERKA, Mojmir; ZIDEK, Jaroslav

Hydrogenation refinement of oils from sulfur containing petroleum.
Ropa a uhlie 6 no.7:198-210 Jl:64

1. Chemicke zavody Ceskoslovenskovo vsetskeho pratelstvi National Enterprise, Zaluzi v Krusnych horach (for Schmabel). 2. Slovnaft National Enterprise, Branch Enterprise Ostrava (for Vecerka and Zidek).

SCHNABEL, Otto, ing.

Protection equipment for eccentric presses. Industria usoara
8 no.82326-329 Ag '61

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447530003-4

SCHNABEL, Otto, ing.

The technique of labor protection. Constr mas 15 no.11/12:
782-786 N-D '63.

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447530003-4"

SCHNABL, H.

Spartak automobile and its merit in world competition. p. 206.
SVET MOTORU, Praha, Vol. 9, no. 7, Mar. 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

SCHNABL, H.

Lubrication of motorcycles. (To be contd.) p. 340.

Introducing the Pitty scooter. p. 343.

SVET MOTORU, Praha, Vol. 9, no. 11, May 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

SCHNABL, M.

PHASE I BOOK EXPLOITATION

SLOV/5515

Hamák, L'ubos, Engineer, and Martin Schnabl

Skúšanie a kontrola najpoužívanejších stavebných hmot a výrobkov (Testing and
Checking of the Most Frequently Used Building Materials and Products)

Bratislava, Slovenské vydavatel'stvo technickej literatúry, 1961. 303 p.

(Series: Edícia stavebničkej literatúry) 1,500 copies printed.

Reviewers: Juraj Stork, Doctor of Engineering, and Jozef Žigrai, Engineer;
Ed.: Milan Hán; Chief Ed.: Pavol Holéczy, Engineer; Resp. Ed.: Milan Hán;
Tech. Ed.: Andrej Uram.

PURPOSE: This manual is intended for construction personnel, manufacturers, and
students in construction schools.

COVERAGE: The manual presents general information on procedures for testing and
checking common building materials and products. Existing standards and speci-
fications are given. The following topics are considered in the general part
of the manual: properties of building materials and products; precision and
applicability of tests; sampling; evaluation of tests; statistical checking

Card 1/13

Testing and Checking (Cont.)

SLOV/5515

methods; regulations for the manufacture, checking and use of building materials and products; checking and testing procedures; and testing stations, laboratories, and equipment. The practical part of the manual includes discussions on stone and stony materials; binders; steel for reinforced-concrete structures; water for concrete; fresh concrete mixtures; hardened concrete; steel-concrete prefabricated elements; lightweight concrete elements; earthenware building products; asbestos-cement products; and loading tests. No personalities are mentioned. There are 85 references: 66 Czech and Slovak, 12 German, 5 Soviet, 1 Polish, and 1 Hungarian.

TABLE OF CONTENTS:

Foreword	9
General Part	11
A. General Information on the Testing and Checking of Building Materials and Products	13
B. Properties of Building Materials and Products	16
1. Dimensions and volume	16
2. Weight	17

Card 2/13

SCHNABEL, Otto, ing.

Transmission time of the control, a decisive factor for the protection provided by bimanual release in the presses. Industria usoara 8 no.11:434-437 N '61.

(Presses) (Industrial safety)

SCHNAIDER, Z.

SCHNAIDER, Z.

Wood borers in floated lumber, p. 10. (LAS POLSKI, Warszawa, Vol. 27, no. 3, Mar. 1953.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, Jan. 1955,
Uncl.

SCHNAIDER, Z.; SIERPINSKI, Z.

Biology of the double-toothed bark beetle (*Ips duplicatus* Sahib.). p.59.
ROZENKI RANK LESNICHY (Instytut Podawczy Lesnictwa i Instytut Technologii Drewna)
Warszawa. Vol. 13, 1955

So. East European Accessions List Vol. 5, No. 9 September 1956

POLAND / Général and Specialized Zoology. Insects. P

Abs Jour: Ref Zhur-Biol., No 2, 1958, 6858.

Author : Schnaider, Zbigniew.

Inst : Not given.

Title : The Slimy Sawfly of Linden Trees - a Dangerous Pest of the Willow Tree Plantings.

Orig Pub: Las polski, 1956, 30, No 15, 10-11.

Abstract: During the last few years, the willow tree plantings in Poland had been greatly damaged by the sawfly Caliroa annulipes. Its life history is described and data is given about successful experiments on its control (dusting with a 2:1 mixture of DDT and hexachlorocyclohexane, with an average use of 10 kg/ha). -- D. P. Dovnar-Zapol'skiy.

Card 1/1

45

SCHNAIDER, Z.

ANNALES ZOOLOGICI. Warszawa. Vol. 17, no. 8, Sept. 1958.

Cossus terebra in Poland. p. 115.

SCIENCE

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 2,
February 1958, Unclass.

SCHNAIDER, Zbigniew

Food seeking by Aphrophora sp. on osier plantations and the
attempts at combatting it. Sylwan 104 no.3:41-45 Mr '60.

1. Zaklad Ochrony Lasu, Instytut Badawczy Lesnictwa, Warszawa.

SCHNAPKA, J.; WONDRAK, E.

Intramedullary osteosynthesis and consecutive complications according to our experiences. Rozhl. chir. 29 no.1:44-50 Ja '60:

1. Chirurgicka klinika PU v Olomouci, prednosta prof. MUDr. Vl. Rapant.
(FRACTURES, surg.)

SCHNAPP, B - IONESCU, M

On the occasion of the fiftieth anniversary of the Grigore Antipa
Museum of Natural History in Bucharest. In French. p. 7

Bucharest. Muzeul National de Istorie Naturala "Grigore Antipa."
TRAVAUX. Bucuresti, Rumania. Vol 1, 1957

Monthly list of East European Accessions (EEAI) LC Vol 8, No. 6, June 1959
Uncl.

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447530003-4

SCHNAPP, Bernard (Bucuresti); HLEWING, SALO (Bucuresti)

Methods of ecologic research on small mammals. Natura
Geografie 12 no. 6:80-82 N-D '60.

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447530003-4"

SCHNAPP, B.; PAPADOPOL, A.; HELLWING, S.

Mammalogical and ornithological research in Rumania.
Trav Muz Nat 4:73-117 '63.

SCHNAPP, B., prof.

The mammals of Rumania. Trav Muz Nat 4:473-496 '63.

SCHNEEGANS, E.

On the critical level of bilirubinemia in premature and weak newborn infants with relative liver insufficiency. Acta paediat Acad Sci Hung 2 no.1:7-20 '61.

1. Institut fur Puerikultur, Allgemeines Krankenhaus Strasbourg.

(BILIRUBIN blood) (INFANT PREMATURE blood)
(INFANT NEWBORN dis) (LIVER DISEASES in inf & child)

SCHNAYDER, E.

New deposits of iron ore in Canada and Venezuela. p. 47
A Soviet expedition to the Antarctic Circle. p. 50
Vol. 9, no. 1, Jan./Feb. 1956 Warszawa
GEOGRAFIA W S. KOLE

SOURCE: East European Acession List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956

S/035/62/000/003/016/053
A001/A101

AUTHOR: Schnayder, E.

TITLE: A new astronomical theory of glaciations

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodesiya, no. 3, 1962, 61,
abstract 3A436 ("Wszeszyiat", 1961, no. 4, 83-85, Polish)

TEXT: The hypothesis put forth by Opik for explanation of glacial periods
is described in popular terms. According to this hypothesis, conditions in
inner layers of the Sun vary periodically, which leads to changes in generation
of nuclear energy, variations of solar luminosity with a period close to the
time past from one to another great glaciation on Earth. Amplitudes of tempera-
ture necessary for alternation of glacial and interglacial periods can be also
explained on the basis of the hypothesis proposed. ✓

B. Rubashev

[Abstracter's note: Complete translation]

Card 1/1

SCHNAYDER, E.

The meteorologic satellite program of the United States.
Wszechswiat no.4:105-106 Ap '62.

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447530003-4

SCHNAYDER, E.

A revolution in diving. Wszechswiat no.5:131-132 My '62.

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447530003-4"

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447530003-4

SCHNAYDER, Edward

Doring holes into meteorite craters. Wszechswiat no.4:103
Ap '63.

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447530003-4"

SCHNAYDER, Edward

Direction Antarctica - Indian Ocean. Wszechswiat no. 7 8:188-192
'63.

SCHNAYDER, E.

Nuclear power engineering in Western Europe. Wszechswiat no.
1:17-18 Ja '64.

SCHNAYDER, E.

Gas piping under the Mediterranean Sea. Wszechswiat no. 6:
141 Je '64.

SCHNAYDER, H.

International Years of the Quiet Sun. Varachus, Iai. no. 98203-204
Ag'64.

SCHNEEMANN, J.

SCHNEEMANN, J.

"Skilled Amateur Technique", P. 137, (RADIOTECHNIKA, Vol. 4, No. 6, June
1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,
Dec. 1954, Uncl.

SCHNEEMANN, J.

SCHNEEMANN, J.

"Wireless Control of Model Airplanes", P. 138, (RADIOTECHNIKA, Vol. 4,
No. 6, June 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,
Dec. 1954, Uncl.